FIG. 1

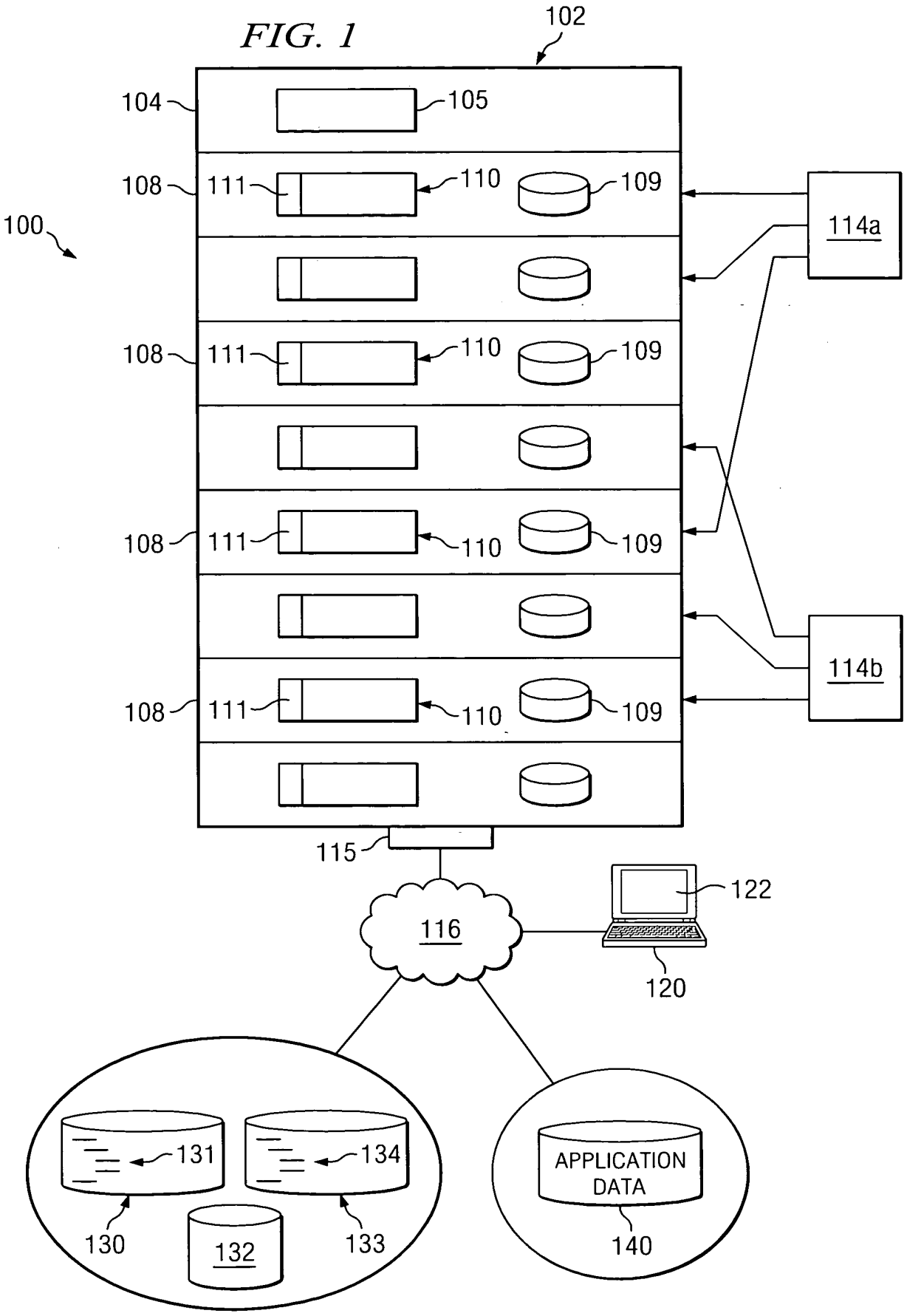
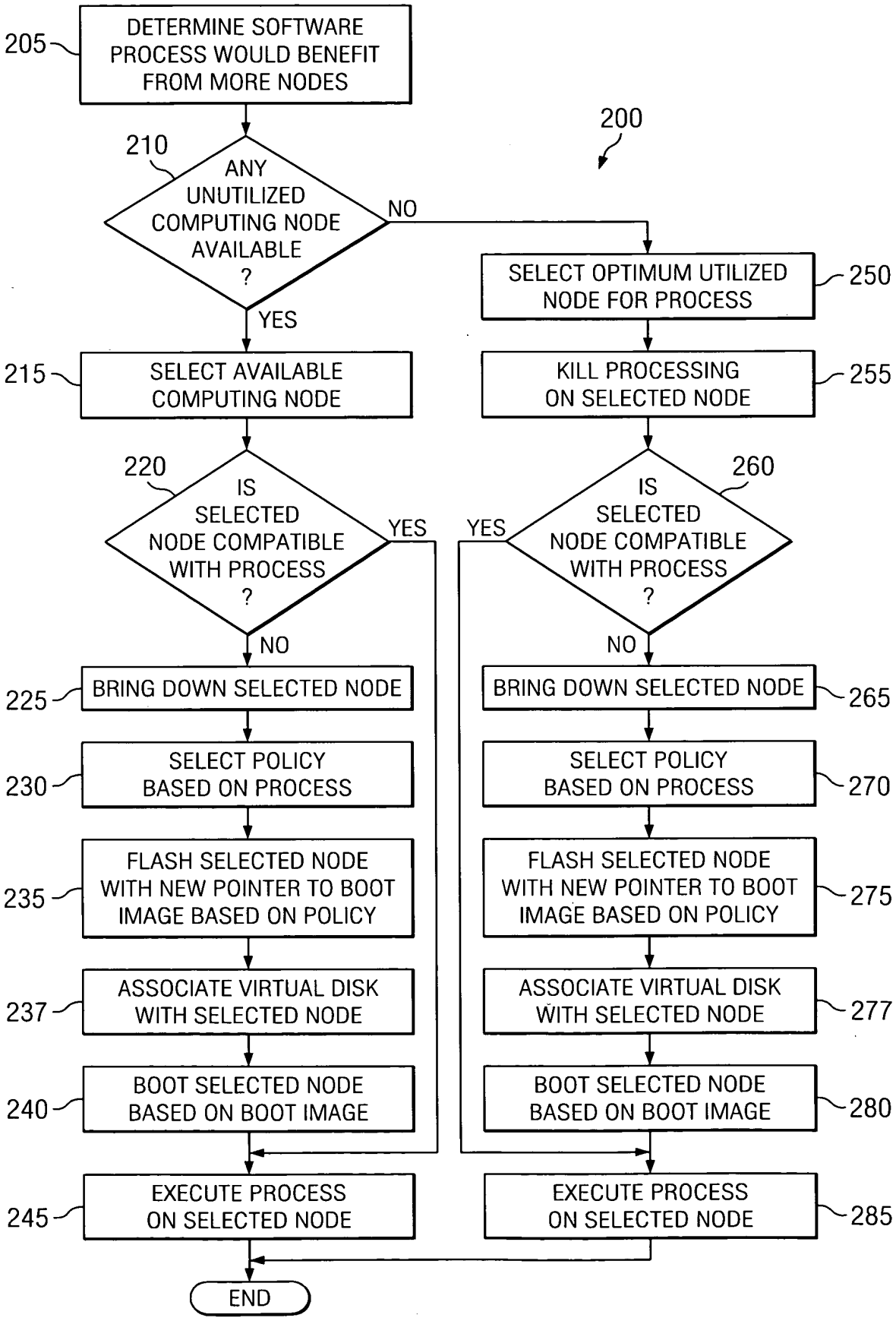

102
104
105
108
111
110
109
100
114a
114b
115
116
122
120
131
134
130
132
133
APPLICATION DATA
140

FIG. 2


200
205
DETERMINE SOFTWARE PROCESS WOULD BENEFIT FROM MORE NODES
210
ANY UNUTILIZED COMPUTING NODE AVAILABLE ?
NO
YES
215
SELECT AVAILABLE COMPUTING NODE
220
IS SELECTED NODE COMPATIBLE WITH PROCESS ?
YES
NO
225
BRING DOWN SELECTED NODE
230
SELECT POLICY BASED ON PROCESS
235
FLASH SELECTED NODE WITH NEW POINTER TO BOOT IMAGE BASED ON POLICY
237
ASSOCIATE VIRTUAL DISK WITH SELECTED NODE
240
BOOT SELECTED NODE BASED ON BOOT IMAGE
245
EXECUTE PROCESS ON SELECTED NODE
250
SELECT OPTIMUM UTILIZED NODE FOR PROCESS
255
KILL PROCESSING ON SELECTED NODE
260
IS SELECTED NODE COMPATIBLE WITH PROCESS ?
YES
NO
265
BRING DOWN SELECTED NODE
270
SELECT POLICY BASED ON PROCESS
275
FLASH SELECTED NODE WITH NEW POINTER TO BOOT IMAGE BASED ON POLICY
277
ASSOCIATE VIRTUAL DISK WITH SELECTED NODE
280
BOOT SELECTED NODE BASED ON BOOT IMAGE
285
EXECUTE PROCESS ON SELECTED NODE
END